

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/791,626	3/1/04	Robert E. Coifman et al	RCOIF3.1-001US

Response To Official Action

EXAMINER	
ABEBE, Daniel Demelash	
ART UNIT	PAGE NUMBER
2626	8

IN THE CLAIMS

RECEIVED
CENTRAL FAX CENTER

In the Claims, please cancel claims 1-25 and add claims 26-47 as indicated:

FEB 21 2008

1-25 (Cancelled)

26. (New) A method of operating a speech recognition system, said speech recognition system including a base vocabulary, the method comprising:
- creating a specified database containing text strings provided from the inputs of previous use of the system;
 - defining at least one sub-database within said specified database containing text strings associated with a context of input data;
 - identifying the context of an input of data;
 - creating a sub-database corresponding to the identified context;
 - loading a specified vocabulary from said sub-database into computer storage, said specified vocabulary associated with a specific context;
 - accepting a user's voice input into said speech recognition system;
 - evaluating said user's voice input with data values from said specified vocabulary according to an evaluation criterion;
 - selecting a particular data value as an input into a computerized form filed if said evaluation criterion is met; and
 - selecting a data value from said base vocabulary as an input into said computerized form field if said user's voice input does not meet said evaluation criterion.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/791,626	3/1/04	Robert E. Coifman et al	RCOIF3.1-001US
EXAMINER			
ABEBE, Daniel Demelash			
ART UNIT		PAGE NUMBER	
2626		9	

Response To Official Action

27. (New) The method of claim 26 further comprising evaluating said user's voice input with data values from said base vocabulary according to a base evaluation criterion if said user's voice input does not meet said evaluation criterion.
28. (New) The method of claim 26 wherein said evaluation criterion is a use weighting associated with said data values.
29. (New) The method of claim 26 wherein said step of evaluating further includes the step of applying a matching heuristic against a known threshold.
30. (New) The method of claim 29 wherein said step of applying a matching heuristic further includes a step of comparing said user's voice input to a threshold probability of matching an acoustic model derived from said specified vocabulary.
31. (New) The speech recognition system of claim 26 wherein said context is associated with a topical subject.
32. (New) The speech recognition system of claim 26 wherein said context is associated with a specific user.
33. (New) The speech recognition system of claim 26 wherein said context is associated with said field.
34. (New) A method as claimed in claim 26, said first specified vocabulary is associated with a first computerized form field;
loading a second specified vocabulary from a second sub-database into computer storage, said second specified vocabulary associated with a second computerized form field;

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/791,626	3/1/04	Robert E. Coifman et al	RCOIF3.1-001US
EXAMINER			
ABEBE, Daniel Demelash			
ART UNIT		PAGE NUMBER	
2626		10	

Response To Official Action

accepting a user's further voice input into said speech recognition system;
evaluating said user's voice input with against data values from said specified vocabulary according to an evaluation criterion; and
selecting a particular data value as input into a second computerized form field if said user's voice input meets said evaluation criterion.

35. (New) The method of claim 34 wherein said evaluation criterion for said steps of evaluating said first and said second specified vocabularies are the same.
36. (New) The method of claim 34 wherein said evaluation criterion for said steps of evaluating said first and said second specified vocabularies are different criterion.
37. (New) The method of claim 34 wherein said first and second computerized form fields are associated with different fields of a computerized medical form.
38. (New) A method as claimed in claim 26, comprising:
loading a second specified vocabulary from a second sub-database into computer storage, said second specified vocabulary associated with a second user of said speech recognition system;
accepting a second user's voice into said speech recognition system;
evaluating said second user's voice input with data values from said specified vocabulary according to an evaluation criterion; and
selecting a particular data value as an input into said computerized form field if said second user's voice input meets said criterion.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/791,626	3/1/04	Robert E. Coifman et al	RCOIF3.1-001US
EXAMINER			
ABEBE, Daniel Demelash			
ART UNIT		PAGE NUMBER	
2626		11	

Response To Official Action

39. (New) The method of claim 38 wherein said first and second users of said speech recognition system are different doctors and said computerized form fields are associated with a field within a computerized medical form.
40. (New) A method as claimed in claim 26 comprising:
loading a second specified vocabulary from a second sub-database into computer storage, said second specified vocabulary associated with a second context used within said speech recognition system;
accepting said user's further voice input into said speech recognition system;
evaluating said user's voice input with data values from said specified vocabulary according to an evaluation criterion; and
selecting a particular data value as an input into said computerized form field if said user's voice input meets said evaluation criterion.
41. (New) The method of claim 40 wherein said first context is a patient's age and said second context is a patient diagnosis of said patient.
42. (New) A speech recognition system including a base vocabulary, said system comprising:
a specified database containing text strings provided from the inputs of previous use of said system, said specified database including at least one sub-database containing text strings associated with a context of input data;

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
10/791,626	3/1/04	Robert E. Coifman et al	RCOIF3.1-001US
			EXAMINER
			ABEBE, Daniel Demelash
		ART UNIT	PAGE NUMBER
		2626	12

Response To Official Action

a context identification module adapted to identify said context of an input of data and create said sub-database corresponding to the identified context;

a processor adapted to load a specified vocabulary from said sub-database into computer storage, said specified vocabulary associated with a specific context; said processor further adapted to:

accept a user's voice input into said speech recognition system;

evaluate said user's voice input with data values from said specified vocabulary according to an evaluation criterion;

select a particular data value as an input into a computerized form field if said evaluation criterion is met; and

select a data value from said base vocabulary as an input into said computerized form field if said user's voice input does not meet said evaluation criterion.

43. (New) The speech recognition system of claim 42 wherein said context is a topical context.
44. (New) The speech recognition system of claim 42 wherein said context is associated with a specific user of said speech recognition system.
45. (New) The speech recognition system of claim 42 wherein said context is associated with said field.
46. (New) A database for a speech recognition system comprising at least one sub-database containing a vocabulary associated with a context of an input of data.

APPLICATION NO. 10/791,626	FILING DATE 3/1/04	FIRST NAMED INVENTOR Robert E. Coifman et al	ATTORNEY DOCKET NO. RCOIF3.1-001US
			EXAMINER ABEBE, Daniel Demelash
Response To Official Action			ART UNIT 2626
			PAGE NUMBER 13

47. (New) A computer-readable media having executable instructions for causing a processor to perform a method comprising:

creating a specified database containing text strings provided from the inputs of previous use of the system;

defining at least one sub-database within said specified database containing text strings associated with a context of input data;

identifying the context of an input of data;

creating a sub-database corresponding to the identified context;

loading a specified vocabulary from said sub-database into computer storage, said specified vocabulary associated with a specific context;

accepting a user's voice input into said speech recognition system;

evaluating said user's voice input with data values from said specified vocabulary according to an evaluation criterion;

selecting a particular data value as an input into a computerized form filed if said evaluation criterion is met; and

selecting a data value from said base vocabulary as an input into said computerized form field if said user's voice input does not meet said evaluation criterion.